LISTING OF CLAIMS:

1.　(Currently Amended) A system, implemented in a data processing system, for interactively viewing enterprise metadata, the system comprising:

　　a memory for storing a data structure in the form of a graph, with nodes of the graph representing asset metadata for enterprise data assets and edges of the graph representing relationships between the asset metadata;

　　a path finder for generating at least one path within the graph, wherein the path satisfies satisfying prescribed constraints; and

　　a report generator for generating a report about the graph, wherein the report is based on paths generated by said path finder.

2.　(Original)　The system of claim 1 further comprising a web portal user interface, through which said report generator is activated.

3.　(Original)　The system of claim 1 further comprising a viewer tool user interface, through which said report generator is activated.

4.　(Currently Amended) The system of claim 1 wherein the report is an impact analysis report[[,]] describing [[the]] an impact, on the asset metadata, of at least one prescribed modification to a portion of the asset metadata.

5.　(Currently Amended)　The system of claim 1 wherein the report is an impact analysis report[[,]] describing [[the]] an impact, on the enterprise data assets, of at least one prescribed modification to a portion of the asset metadata.

6.　(Currently Amended) The system of claim 1 wherein the report is a transformation planning report[[,]] describing steps to transform data from one asset to another asset.

7.   (Currently Amended) The system of claim 1 wherein the report is a data quality report[[,]] describing steps to verify compliance of asset data with at least one prescribed business rule.

8.   (Currently Amended) The system of claim 1 wherein the report is a data discovery report[[,]] displaying displayed asset metadata within the enterprise data assets, wherein the displayed asset metadata assets that correspond with [[a]] prescribed asset metadata.

9.   (Currently Amended) The system of claim 8 wherein the report is a data discovery report[[,]] displaying displayed asset metadata within the enterprise data assets, wherein the displayed asset metadata assets that are equivalent to [[a]] prescribed asset metadata, in the sense that the and wherein corresponding data is represented the same way.

10.   (Currently Amended) The system of claim 8 wherein the report is a data discovery report[[,]] displaying displayed asset metadata within the enterprise data assets, wherein the displayed asset metadata assets that are equivalent to [[a]] prescribed asset metadata, in the sense that the and wherein corresponding data is represented in an equivalent way.

11.   (Currently Amended) The system of claim 8 wherein the report is a data discovery report[[,]] displaying displayed asset metadata within the enterprise data assets, wherein the displayed asset metadata assets that are logically dependent on [[a]] prescribed asset metadata.

12.   (Currently Amended) The system of claim 8 wherein the report is a data discovery report[[,]] displaying displayed asset metadata within the enterprise data assets upon which [[a]] prescribed asset metadata [[is]] are logically dependent.

13.   (Currently Amended) The system of claim 8 wherein the report is a data discovery report[[,]] displaying displayed asset metadata within the enterprise data assets, wherein the displayed asset metadata assets that correspond with [[a]] prescribed asset metadata, [[and]] wherein the displayed asset metadata have a more specific context relative to the prescribed asset metadata.

14. (Currently Amended) The system of claim 8 wherein the report is a data discovery report[[,]] displaying <u>displayed</u> asset metadata within the enterprise data <u>assets, wherein the</u> <u>displayed asset metadata</u> ~~assets that~~ correspond with [[a]] prescribed asset metadata, [[and]] <u>wherein the displayed asset metadata</u> have a more general context <u>relative to the prescribed asset</u> <u>metadata</u>.

15. (Currently Amended) The system of claim 8 wherein the report is a data discovery report[[,]] displaying <u>displayed</u> asset metadata within the enterprise data <u>assets, wherein the</u> <u>displayed asset metadata</u> ~~assets that~~ comprise data corresponding with [[a]] prescribed asset metadata.

16. (Currently Amended) The system of claim 8 wherein the report is a data discovery report[[,]] displaying <u>displayed</u> asset metadata within the enterprise data <u>assets, wherein the</u> <u>displayed asset metadata</u> ~~assets that~~ correspond to data comprised within [[a]] prescribed asset metadata.

17. (Original) The system of claim 1 wherein the report is a statistical summary report describing statistics about the asset metadata.

18. (Original) The system of claim 17 wherein the statistical summary report describes a distribution of enterprise data assets based on at least one descriptor.

19. (Original) The system of claim 18 wherein the statistical summary report describes a distribution of enterprise data assets based on owner.

20. (Original) The system of claim 18 wherein the statistical summary report describes a distribution of a enterprise data assets based on a quality level.

21. (Original) The system of claim 1 further comprising a data redundancy analyzer for identifying redundancies among the enterprise data assets.

22.   (Original)   The system of claim 21 wherein the report is a plan for eliminating redundancies among the enterprise data assets.

23.   (Currently Amended) The system of claim 1 wherein the report is a comparison report[[,]] comparing <u>first</u> metadata for at least one enterprise data asset with <u>specific</u> metadata for a specific enterprise data asset designated as a base for comparison.

24.   (Currently Amended) The system of claim 23 wherein the comparison report indicates <u>indicated</u> metadata for the at least one enterprise data asset that corresponds with <u>the specific</u> metadata for the specific enterprise data asset, [[and]] <u>wherein the indicated metadata</u> have a more general context <u>relative to the specific metadata</u>.

25.   (Currently Amended) The system of claim 23 wherein the comparison report indicates <u>indicated</u> metadata for the at least one enterprise data asset that corresponds with <u>the specific</u> metadata for the specific enterprise data asset, ~~and has~~ <u>wherein the indicated metadata have</u> a more specific context <u>relative to the specific metadata</u>.

26.   (Currently Amended) The system of claim 1 further comprising a code generator[[,]] for generating program code instructions corresponding to a report.

27.   (Original)   The system of claim 26 wherein the program code instructions are expressed as SQL script.

28.   (Original)   The system of claim 26 wherein the program code instructions are expressed as XSLT script.

29.   (Original)   The system of claim 26 wherein the program code instructions are expressed as Java code.

30. (Currently Amended) The system of claim 26 wherein the program code instructions are expressed as a transformation planning report[[,]] describing steps to transform data from one asset to another <u>asset</u>.

31. (Currently Amended) The system of claim 1 further comprising a request-for-change generator[[,]] for generating a request to apply at least one modification to the graph.

32. (Original) The system of claim 31 wherein said request-for-change generator enforces at least one approval process for the request.

33. (Currently Amended) The system of claim 1 wherein the graph includes nodes for an ontology model[[,]] into which <u>the</u> asset metadata [[is]] <u>are</u> mapped.

34. (Original) The system of claim 33 wherein the ontology model is a generic industry model.

35. (Original) The system of claim 33 wherein the ontology model is an enterprise specific model.

36. (Currently Amended) The system of claim 33 wherein <u>the</u> edges connect pairs of nodes that correspond to metadata that [[is]] <u>are</u> mapped to one another.

37. (Currently Amended) The system of claim 33 wherein the report is a statistical summary report describing a percentage of enterprise data assets for which <u>the</u> asset metadata [[is]] <u>are</u> mapped to the ontology model.

38. (Currently Amended) The system of claim 33 wherein the report is a statistical summary report describing a percentage of enterprise data assets for which <u>the</u> asset metadata [[is]] <u>are</u> completely mapped to the ontology model.

39.   (Currently Amended) The system of claim 33 wherein the report is a statistical summary report describing a percentage of enterprise data assets for which the asset metadata [[is]] are partially mapped to the ontology model.

40.   (Currently Amended) The system of claim 33 wherein the report is a comparison report[[,]] comparing first metadata for at least one enterprise data asset with ontological metadata for the ontology model.

41.   (Currently Amended) The system of claim 40 wherein the comparison report indicates indicated metadata for the at least one enterprise data asset that corresponds with the ontological metadata for the ontology model, [[and]] wherein the indicated metadata have a more general context relative to the ontological metadata.

42.   (Currently Amended) The system of claim 40 wherein the comparison report indicates indicated metadata for the at least one enterprise data asset that corresponds with the ontological metadata for the ontology model, and has wherein the indicated metadata have a more specific context relative to the ontological metadata.

43.   (Currently Amended) The system of claim 1 further comprising an access controller for restricting a user's access to the asset metadata based on a user privilege.

44.   (Currently Amended) The system of claim 1 further comprising an access controller for restricting a user's access to the asset metadata based on a requested action.

45.   (Currently Amended) The system of claim 1 further comprising an access controller for restricting a user's access to the asset metadata based on a subject area of the asset metadata.

46.   (Original)   The system of claim 1 further comprising a filter for displaying different parts of the asset metadata to different types of users.

47.   (Original)   The system of claim 1 further comprising a filter for displaying different parts of the asset metadata to technical and non-technical users.

48.   (Currently Amended) The system of claim 1 further comprising a filter for displaying the asset metadata in different formats to different types of users.

49.   (Currently Amended) A method, implemented in a data processing system, for interactively viewing enterprise metadata, comprising:

providing a data structure in the form of a graph, with nodes of the graph representing asset metadata for enterprise data assets and edges of the graph representing relationships between the asset metadata;

generating at least one path within the graph, wherein the path satisfies satisfying prescribed constraints; and

generating a report about the graph, wherein the report is based on paths generated by said path finder.

50.   (Currently Amended) The method of claim 49 wherein the report is an impact analysis report[[,]] describing [[the]] an impact, on the asset metadata, of at least one prescribed modification to a portion of the asset metadata.

51.   (Currently Amended) The method of claim 49 wherein the report is an impact analysis report[[,]] describing [[the]] an impact, on the enterprise data assets, of at least one prescribed modification to a portion of the asset metadata.

52.   (Currently Amended) The method of claim 49 wherein the report is a transformation planning report[[,]] describing steps to transform data from one asset to another asset.

53.   (Currently Amended) The method of claim 49 wherein the report is a data quality report[[,]] describing steps to verify compliance of asset data with at least one prescribed business rule.

54.   (Currently Amended) The method of claim 49 wherein the report is a data discovery report[[,]] displaying <u>displayed</u> asset metadata within the enterprise data <u>assets, wherein the</u> <u>displayed asset metadata</u> <s>assets that</s> correspond with [[a]] prescribed asset metadata.

54.   (Currently Amended) The method of claim 53 wherein the report is a data discovery report[[,]] displaying <u>displayed</u> asset metadata within the enterprise data <u>assets, wherein the</u> <u>displayed asset metadata</u> <s>assets that</s> are equivalent to [[a]] prescribed asset metadata, <s>in the sense</s> <s>that the</s> <u>and wherein</u> corresponding data is represented the same way.

56.   (Currently Amended) The method of claim 54 wherein the report is a data discovery report[[,]] displaying <u>displayed</u> asset metadata within the enterprise data <u>assets, wherein the</u> <u>displayed asset metadata</u> <s>assets that</s> are equivalent to [[a]] prescribed asset metadata, <s>in the sense</s> <s>that the</s> <u>and wherein</u> corresponding data is represented in an equivalent way.

57.   (Currently Amended) The method of claim 54 wherein the report is a data discovery report[[,]] displaying <u>displayed</u> asset metadata within the enterprise data <u>assets, wherein the</u> <u>displayed asset metadata</u> <s>assets that</s> are logically dependent on [[a]] prescribed asset metadata.

58.   (Currently Amended) The method of claim 54 wherein the report is a data discovery report[[,]] displaying <u>displayed</u> asset metadata within the enterprise data assets upon which [[a]] prescribed asset metadata [[is]] <u>are</u> logically dependent.

59.   (Currently Amended) The method of claim 54 wherein the report is a data discovery report[[,]] displaying <u>displayed</u> asset metadata within the enterprise data <u>assets, wherein the</u> <u>displayed asset metadata</u> <s>assets that</s> correspond with [[a]] prescribed asset metadata, and [[has]] <u>wherein the displayed asset metadata have</u> a more specific context <u>relative to the prescribed asset</u> <u>metadata</u>.

60.   (Currently Amended) The method of claim 54 wherein the report is a data discovery report[[,]] displaying <u>displayed</u> asset metadata within the enterprise data <u>assets, wherein the</u>

displayed asset metadata ~~assets that~~ correspond with [[a]] prescribed asset metadata, and <u>wherein the displayed asset metadata</u> have a more general context <u>relative to the prescribed asset metadata.</u>

61.   (Currently Amended) The method of claim 54 wherein the report is a data discovery report[[,]] displaying <u>displayed</u> asset metadata within the enterprise data <u>assets, wherein the displayed asset metadata</u> ~~assets that~~ comprise data corresponding with [[a]] prescribed asset metadata.

62.   (Currently Amended) The method of claim 54 wherein the report is a data discovery report[[,]] displaying <u>displayed</u> asset metadata within the enterprise data <u>assets, wherein the displayed asset metadata</u> ~~assets that~~ correspond to data comprised within [[a]] prescribed asset metadata.

63.   (Original)   The method of claim 49 wherein the report is a statistical summary report describing statistics about the asset metadata.

64.   (Original)   The method of claim 63 wherein the statistical summary report includes a distribution of enterprise data assets based on at least one descriptor.

65.   (Original)   The method of claim 64 wherein the statistical summary report includes a distribution of enterprise data assets based on owner.

66.   (Original)   The method of claim 64 wherein the statistical summary report includes a distribution of a enterprise data assets based on a quality level.

67.   (Original)   The method of claim 49 further comprising identifying redundancies among the enterprise data assets.

68.   (Original)   The method of claim 67 wherein the report is a plan for eliminating redundancies among the enterprise data assets.

69.   (Currently Amended) The method of claim 49 wherein the report is a comparison report[[,]] comparing first metadata for at least one enterprise data asset with specific metadata for a specific enterprise data asset designated as a base for comparison.

70.   (Currently Amended) The method of claim 69 wherein the comparison report indicates indicated metadata for the at least one enterprise data asset that corresponds with the specific metadata for the specific enterprise data asset, [[and]] wherein the indicated metadata have a more general context relative to the specific metadata.

71.   (Currently Amended) The method of claim 69 wherein the comparison report indicates indicated metadata for the at least one enterprise data asset that corresponds with specific metadata for the specific enterprise data asset, and has wherein the indicated metadata have a more specific context relative to the specific metadata.

72.   (Original)   The method of claim 49 further comprising generating program code instructions corresponding to a report.

73.   (Original)   The method of claim 72 wherein the program code instructions are expressed as SQL script.

74.   (Original)   The method of claim 72 wherein the program code instructions are expressed as XSLT script.

75.   (Original)   The method of claim 72 wherein the program code instructions are expressed as Java code.

76.   (Currently Amended) The method of claim 72 wherein the program code instructions are expressed as a transformation planning report[[,]] describing steps to transform data from one asset to another asset.

77.   (Original)   The method of claim 49 further comprising generating a request to apply at least one modification to the graph.

78.   (Original)   The method of claim 77 further comprising enforcing at least one approval process for the request.

79.   (Currently Amended) The method of claim 49 wherein the graph includes nodes for an ontology model, into which <u>the</u> asset metadata [[is]] <u>are</u> mapped.

80.   (Original)   The method of claim 79 wherein the ontology model is a generic industry model.

81.   (Original)   The method of claim 79 wherein the ontology model is an enterprise specific model.

82.   (Currently Amended) The method of claim 79 wherein <u>the</u> edges connect pairs of nodes that correspond to metadata that is mapped to one another.

83.   (Currently Amended) The method of claim 79 wherein the report is a statistical summary report describing a percentage of enterprise data assets for which <u>the</u> asset metadata [[is]] <u>are</u> mapped to the ontology model.

84.   (Currently Amended) The method of claim 79 wherein the report is a statistical summary report describing a percentage of enterprise data assets for which <u>the</u> asset metadata [[is]] <u>are</u> completely mapped to the ontology model.

85.   (Currently Amended) The method of claim 79 wherein the report is a statistical summary report describing a percentage of enterprise data assets for which <u>the</u> asset metadata [[is]] <u>are</u> partially mapped to the ontology model.

86.   (Currently Amended) The method of claim 79 wherein the report is a comparison report[[,]] comparing first metadata for at least one enterprise data asset with ontological metadata for the ontology model.

87.   (Currently Amended) The method of claim 86 wherein the comparison report indicates indicated metadata for the at least one enterprise data asset that corresponds with the ontological metadata for the ontology model, [[and]] wherein the indicated metadata have a more general context relative to the ontological metadata.

88.   (Currently Amended) The method of claim 86 wherein the comparison report indicates indicated metadata for the at least one enterprise data asset that corresponds with the ontological metadata for the ontology model, and has wherein the indicated metadata have a more specific context relative to the ontological metadata.

89.   (Currently Amended) The method of claim 49 further comprising restricting a user's access to the asset metadata based on a user privilege.

90.   (Currently Amended) The method of claim 49 further comprising restricting a user's access to the asset metadata based on a requested action.

91.   (Currently Amended) The method of claim 49 further comprising restricting a user's access to the asset metadata based on a subject area of the asset metadata.

92.   (Original)   The method of claim 49 further comprising displaying different parts of the asset metadata to different types of users.

93.   (Original)   The method of claim 49 further comprising displaying different parts of the asset metadata to technical and non-technical users.

94.   (Currently Amended) The method of claim 49 further comprising displaying the asset metadata in different formats to different types of users.

95.   (Currently Amended) A computer-readable storage medium storing program code for causing a computer to perform the steps of:

provided a data structure in the form of a graph, with nodes <u>of the graph</u> representing asset metadata for enterprise data assets and edges <u>of the graph</u> representing relationships between <u>the</u> asset metadata;

generating at least one path within the graph<u>, wherein the path satisfies</u> ~~satisfying~~ prescribed constraints; and

generating a report about the graph, <u>wherein the report is</u> based on paths generated by said path finder.